BOOK

ns		Co	Reference to last Measurement
eadth 5	Depth 6		8

4: 17,54,796-00

IT- 17548-00
cey- 17548-00
CBF- 1755-00
LR- 27550-00
Fine- 2385-00
CGST- 15668-00
SGST- 15668-00

dsu. 98122-00
cheque 16,56,674-00

1st & Final

Job code: 005-20-000088
Est cost: 450.00 Lakhs

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356738

Serial No. ....
Name of Work Improvements to ~~From~~ Roads and RCC ~~To~~ Drains at Brundhavana College Road Vinayakanagara Shivapura and Surrounding Area in ward No 05.
Name of Contractor of nature of Agency ......
Date of commencement of work ......

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		

Work order: BBMP/EE/BTP/WO/13/2020-21 Dt 7/10/20

Name of contractor: M/s Sathya Constructions (prop) R. Satheesh No: 600, Down Bazar Road, Yelahanka, Bangalore-64

① Dismantling of existing structures like Culverts, bridge comprising of masonry C.C wood work steel work including T&P + scaffolding wherever necessary sorting the dismantaled material disposal of

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

unserviceable materials & stacking the servic-
- able materials etc complete
Qty is as premeasurement sheet wt item No1
@ Rate - Qty. =

③ Earthwork Excavation by manual means for roads & similar works in ordinary soil excavated surface levelled & sides neatly dressed the disposed earth to be levelled neatly after breaking of clods etc complete
Qty is as per premeasurement sheet stamings
e bill page - 1 to 7
Qty - 2790.98
@ Rate 217.88/m²
= 608099=00

erial No. ....
ame of Work ....
ame of Contractor of nature of Agency ....
ate of commencement of work ....

Date 1	Full description, etc, of work 2
	⑥ providing & layi down size crushed & fine aggregates placed in foundat curing includi e bill page 8 to 14
	⑦ providing laying drains using M down size

BOOK

...ns		Contents	Reference to last Measureme...
...adth 5	Depth 6	7	8

...stacking the servic...
...plate
...t that with item No 1
Qty. =
...by manual means
...s in ordinary soil
...es & sides neatly
...rth to be levelled
...) clods etc complete
...t that stamps
Qty - 2790.98
= 608099=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356739

Serial No. ....

Name of Work .... From.................... To....................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

⑥ providing & laying p.c.c of mix 1:3:6 with 40mm down size crushed graded granite metal coarse aggregate & fine aggregates in foundation mechanically mixed placed in foundation & compacted by vibration including curing including cost of all materials etc complete.

ebill page 8 to 14

@ Rate 5690.28/m³ Qty - 468.79m³

= 2667546=00 .36

⑦ Providing laying/plain reinforced c.c for side drains using M20 nominal mix concrete with 20mm & down size granite metal coarse aggregate & fine

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregates machine mixed well compacted for well + Bottom including centering shuttering cost of materials etc complete Qty is As per measurement sheet Item No 7 ebill page 12 Rate 7420.17/m3					Qty - 927.64 m3 =6883246=00 50	
⑧ -	Providing T.M.T bars Fe 500 steel reinforcement for RCC work including Straightening cutting bending hooking placing in position lapping or welding wherever required tying with binding wire &						

erial No. ....

ame of Work ....

ame of Contractor of nature of Agency ......

ate of commencement of work ....

ate	Full description, etc, of work
	2
	anchoring to necessary etc Qty is as pe ebill page 15 to 16
⑨ -	Providing & F out - of cc 1:2:4 including form materials labo loading & unloadi

NT BOOK

ensions			
Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8

xes well compacted
luding centering
terials etc complete
ent sheet item no 7
Qty - 927.~~64~~.50 m³
1/m³ =6883246=00

s Fe 500 steel reinforce
ncluding Strighteing
oling placing in
ine wherever
binding wire &

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356740

rial No. ....
me of Work .... From.................................. To...
me of Contractor of nature of Agency ....
te of commencement of work ....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

anchoring to adjoining members wherever
necessary etc complete
Qty is as per premeasurement shet item no 8
ebill page 15 to 15
@ Rate 75907.17/m³ Qty - 65.~~34~~33 m³
4959015.42
=4959775=00

9 Providing & fixing pre cast covering slabs made
out of cc 1:2:4 with 10cm thick & finishing cutting
including form work curing including cost of all
materials labour hair charges of machinery
loading & unloading lead & lift transportation etc complete

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Qty is as per measurement sheet & item No 9
2533.49 m²

ebill page 17 @ Rate 2452.68/m²

Qty - ~~2536.10~~ m²

= 6220242.00

6213840.25

⑩ Providing & Fixing precast covering slab 250 mm thick made out of CC 1:2:4 & fully 20 mm down size with steel reinforcement including form work curing including cost of all materials labour hire charges of machinery loading unloading lead & lift transportation etc complete

---

rial No. ....
me of Work ....
me of Contractor of nature of Agenc
ate of commencement of work ....

ate	Full description, etc, of work
	2

Qty is ~~as~~ per
ebill page 17

⑫ Excavation fo
mechanical
tipper trimm
with requirem
transportation

NT BOOK

mensions			Contents	Reference to last Measureme
	Breadth 5	Depth 6	7	8

ment Sheet Item No 9
8/m²   2533.49 m²
Qty - ~~2836.10~~ m²
= 6220202=00
6213840.25
re cast covering slab
nt of CC 1:2:4 & fully
with steel reinforce
m wore curing
l materials labour
chinery loading onto
ansportation etc

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356741

rial No. ....
me of Work .... From.................................. To..
me of Contractor of nature of Agency ....
te of commencement of work ....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

Qty ie ~~As~~ per measurement sheet Item No 10
c bill page 17   @ Rate 5686.19/m²   Qty - 26.58 m²
= 151139=00

⑫ Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tipper trimming bottom & sides slopes in accordance with requirement of lines grades & cross sections & transportation with a lead of 1.00 km etc complete

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2 Cbill page 39 to 46	3	4	5	6	7	8
(19)	providing & applying primer coat with Bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface etc complete						
	up to 125%. — Qty-					11577.88 m²	
	@ Rate 30.04/m²					= 347799=00 37	
	above 125%. — Qty-					1273.18 m²	
	@ Rate 30.15/m²					~~=38386=00~~ 39659.56	
(20)	providing & laying DBM macadam crushed aggregates of specified grading premixed w VG 30 grade Bituminous binder & transportin						

---

erial No. ....
ame of Work ....
ame of Contractor of nature of Agency ....
ate of commencement of work ....

Date	Full description, etc, of work
	2 Cbill page 47-
	hot mix to work level & alignment vibratory & tan in all respects e
	up to 125%
	above 125%.

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

g primer coat with Bitum

ared surface of granular

M including cleaning of

&c complete

Qty- 11577.88 m²

30.04/m²   =347799=37

Qty- 1273.18 m²

0.15/m²   39659.56 ~~=38386=00~~

DBM macadam crushed

fied grading premixed u

inous binder + transporti

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356745

rial No. ....

me of Work .... From............... To...............

me of Contractor of nature of Agency ....

te of commencement of work ....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2 (bill page 47-54)	3	4	5	6	7	8
	hot mix to work site laying to the required grade level + alignment rolling with smooth wheels vibratory + tandem rolling the desire compaction in all respects etc complete						
	up to 125%				Qty	578.89 m³	
		@ Rate 6924.01/m³					= 4008240=14
	above 125%				Qty	63.67 m³	
		@ Rate 6724.88/m³					= 428173=11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ebill page 55-58						
㉑	cleaning the black topped surface with broom soft brushes finally dusting with old gunny bags or compressed air to receive bitaminous treatment including cost of all materials etc complete						
	@ Rate 5.56/m²					Qty - 13654.87m² = 75921=00 .08	
㉒	providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surface at 2.5 kg/10m² heating bitumen in boiler fitted with spray set including cost of all materials etc complete						

ial No. ....
me of Work ....
me of Contractor of nature of Agency ...
te of commencement of work ....

ate	Full description, etc, of work
	2
	ebill page 59-62
㉓	providing & thick with hot of specified g binder & fille laying with a level & alignm vibratory to

EMENT BOOK

Dimensions			Contents	Referenc to last Measurem
Length 4	Breadth 5	Depth 6	7	8

y topped surface with brooms
y dusting with Old gunny
& air to receive bitaminous
ing cost of all materials

Qty- 13654.87m²
= 75921=00 .08

56/m²

pplying tack coat using
mulsion (VG 10) on the prepared
rface at 2.5 kg/10m²
n in boiler fitted with
g cost of all materials

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356746

rial No. ....
me of Work .... From.............................. To..............................
me of Contractor of nature of Agency ....
e of commencement of work ....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		

ebill page 59 - 62

@ Rate 13.35/m² Qty- 13654.87m²
= 182293=00
182286.72

③ Providing & laying Bituminous concreate 40mm thick with Hot mix plant using Crushed aggregates of specified grading premixed with Bituminous binder & filler transporting hot mix to work site laying with a paver finisher to the required grade level & alignment rolling with smooth wheels Vibratory tandem roller to achive the desired

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	e bill page 23						
	Compaction in all respect etc complete @ Rate 8137.72/m³ Qty - 546.19 m³					=4444742=	
(24)	Road marking with hot applied Thermoplastic compound with Reflectorising glass Beads on Bituminous surface providing & laying of hot applied Thermoplastic compound 2.5mm thick The finished surface to be levelled & free from streaks etc complete @ Rate 477.25/m² Qty - 485.92					.32 = 231905=	
	e bill page 27						

ಸಹಾಯಕ ಅಭಿಯಂತರರು [illegible]

Serial No. ....

Name of Work ....

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work
1	2
	Certificate: ① It is done ② That a …ing

ಸಹಾಯಕ ಅಭಿಯಂತರರು [illegible]

BOOK

…ns …eadth 5	Depth 6	Contents 7	Referenc… to last Measurem… 8
… elc	complete		
3	Qty - 546.19 m³		
			=4444742=…
… applies	Thermoplastic		
…taining	glass Beads		
providing & laying			
…lastic	compound		
… surface	to be		
…eds etc	complete		
	Qty - 485.92		.32
			=231905=0…

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356747

…erial No. ....
…ame of Work .... From.................................. To.......................................
…ame of Contractor of nature of Agency ....
…ate of commencement of work ....

…ate	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
						Total =	~~39546755=00~~
		& RC	39539425.93				
			4744731.4	Add	12%	GST	~~= 4745610=00~~
			44284157.04				
							44292365=00
						Round off	44284000.00

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

25/4/2021
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M P Bangalore-560024

Certificate:

① It is certifies that the above work done satisfactorily

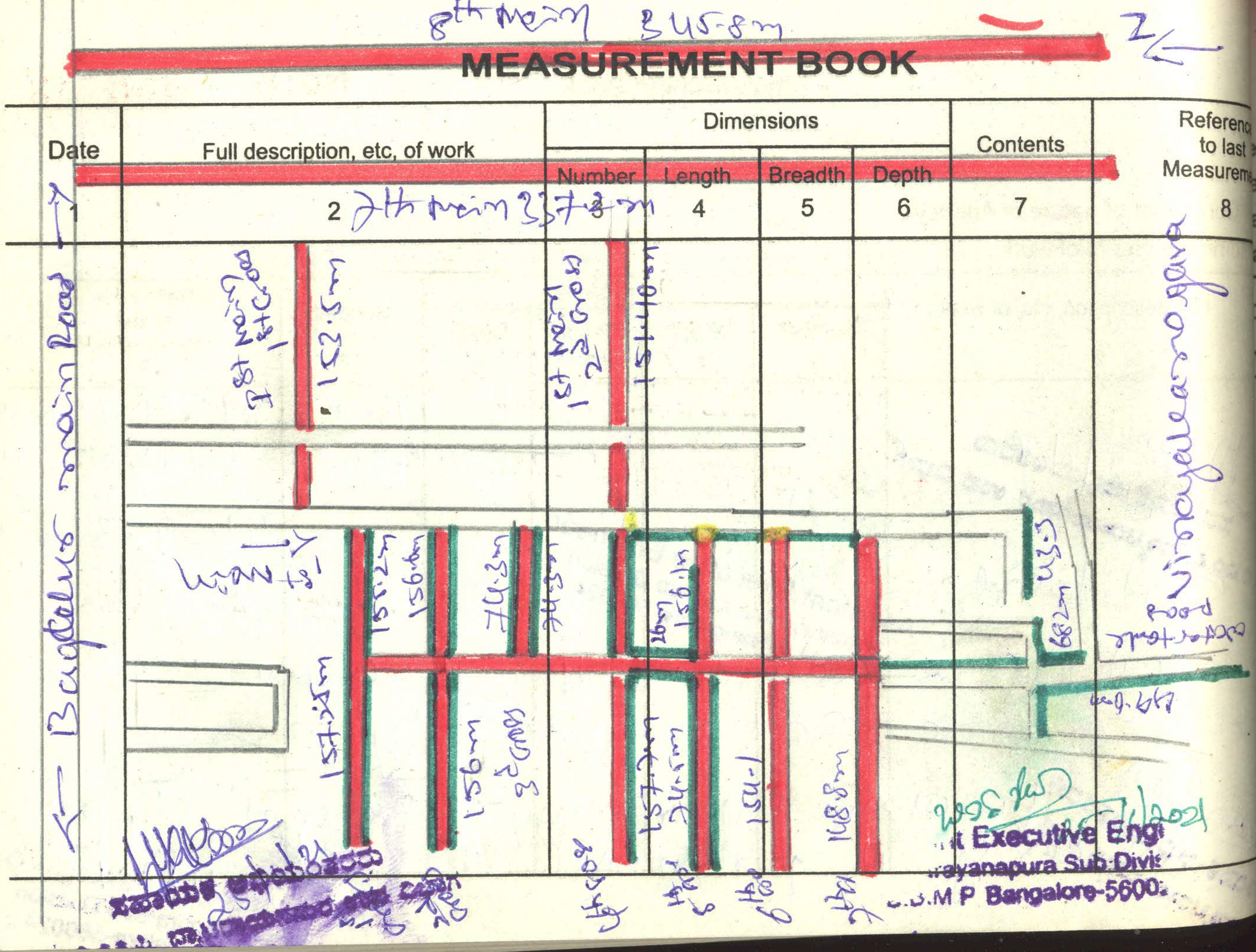
② The above Bill Amount is not claims any previous Bills.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

25/4/2021
Assistant Executive Engineer
Byatarayanapura Sub Division
Bangalore-560024

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8


8th main 345.8m
N
7th main 337.8m
Bagalur main Road
1st Main 1st Cross
152.5m
1st main 2nd cross
151.10m
1st main
157.5m
155.2m
156.6m
74.3m
34.5m
156m
3rd cross
16m
156.1m
157.3m
34.5m
154.1
148.8m
4th cross
5th cross
6th cross
7th cross
43.5
68.2m
49.6m
Road
Vinayakanagara

...t Executive Engi...
...ayanapura Sub-Divis...
...B.M.P Bangalore-5600...
2020 ... /1/2021

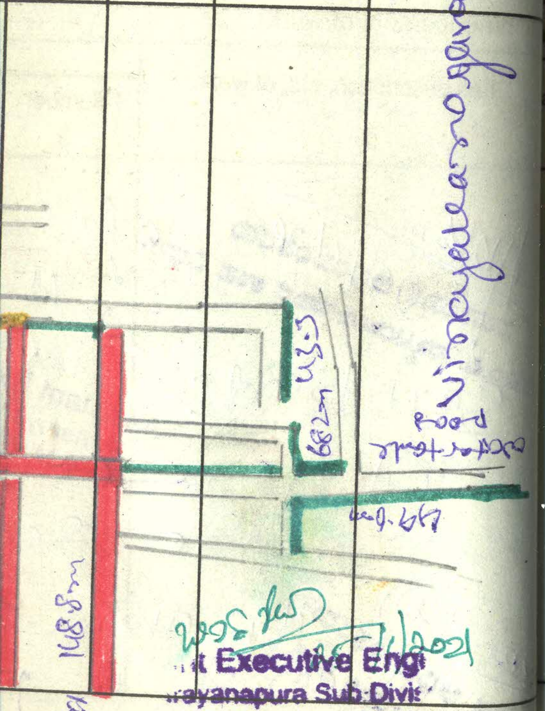
...rial No. ....
...ame of Work ....
...ame of Contractor of nature of Agen...
...ate of commencement of work ....

Date	Full description, etc, of wor...
1	2
	🟥 Asphalt Road
	🟩 cc Drain
	🟨 CC Culvert

8.00 L
25/1/21
ಸಹಾಯಕ ಅಭಿಯಂತರರು

…T BOOK

…ensions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8


N ←
Vinayakanagara
Water tank road
68.2m
43.5
47.6m
148.8m

25/11/2021
…t Executive Engi…
…ayanapura Sub Divi…
…B.M P Bangalore-5600…

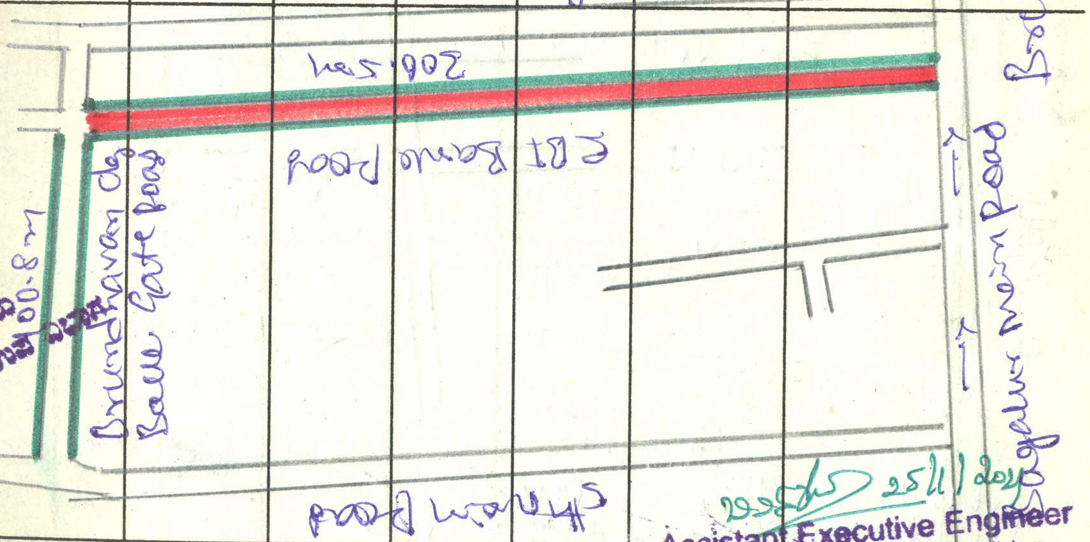
M. A. R. 57 (Rule 116)
Measurement Book

No. B 356748

…rial No. ....
…me of Work .... From.................................. To......................................
…me of Contractor of nature of Agency ....
…te of commencement of work ....

…ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8

🟥 Asphalt Road
🟩 cc Drain
🟨 CC Culvert

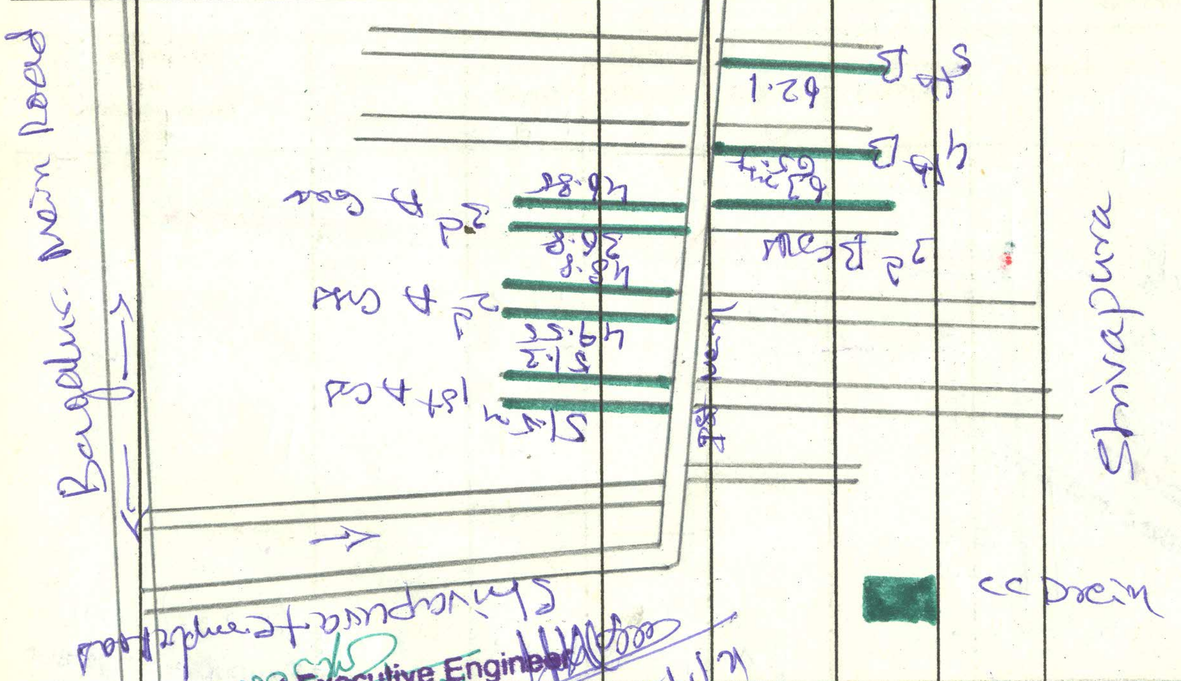

N ←
Brundavan College
206.5m
5.00+4.6
SBI Bank Road
100.8m
Brundhavan clg Balle Gate Road
4th main Road
Bagalur main Road

25/11/21
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

25/11/2021
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M P Bangalore-560024

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8


Bagalur Main Road
Shivapura temple Road
1st Main
51.5m
1st A Crs
51.2
49.55
2d A Crss
48.8
36.8
3d A Cross
46.85
3d B Cross
63m
65.4m
4th B
62.1
5th B
Shivapura
CC Drain

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M P Bangalore-560024

25/1/21

t to Final

ame of Contractor of nature of Agency ....

ate of commencement of work ....

Date	Full description, etc, of work
1	P 3297 2

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 14th Finance Commi
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 44284000/-
ಇದರಲ್ಲಿ ರೂ. 2324000/-
ಮಾಡಿಕೊಂಡು ರೂ. 41960000/-
FT/NEFT/RTGS
10/5
10/5/21

EMENT BOOK

	Dimensions			Contents	Reference to last Measurem
	Length 4	Breadth 5	Depth 6	7	8
	1·29			Shivapura	
				cc Drain	

t & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356740

.... From.............................. To..................................

me of Contractor of nature of Agency ....

te of commencement of work ....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	P 3297 2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 14th Finance Commission Grants ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 44284000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ ಇದರಲ್ಲಿ ರೂ. 2324000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 41960000/- ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ [illegible] ವಿಷಯ ನಿರ್ವಾಹಕರು 10/5/21 [illegible] 10/5 [illegible] Chandra 10/5			TTB	44284000/-	✓	
				IT	442840	✓	
				CGST	395393	✓	
				SGST	395393	✓	
				cen	442840	✓	
				CBF	44284	✓	
				LR	603250	✓	
				Ded	2324000	✓	
				Cheque	41960000	✓	